

| L Number | Hits | Search Text  | DB  | Time stamp          |
|----------|------|--|---|---------------------|
| 16       | 3203 | (250/492.22,492.23,492.2).CCLS.  | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>USPAT; | 2004/06/12<br>20:56 |
| 17       | 393  | (charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)   | US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>USPAT;           | 2004/06/12<br>21:10 |
| 18       | 9    | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 adj project\$5) or scan-project\$5 or scanproject\$4)   | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>USPAT; | 2004/06/12<br>21:03 |
| 20       | 1    | ((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 adj project\$5) or scan-project\$5 or scanproject\$4)) and comput\$5 and calculat\$5) and dos\$4    | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2004/06/12<br>20:59 |
| 21       | 1    | ((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 adj project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4                                   | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2004/06/12<br>21:00 |
| 22       | 145  | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and dos\$4  | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2004/06/12<br>21:04 |
| 24       | 1    | ((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and dos\$4) and ((scan\$5 near2 project\$5) or scan-project\$5 or scanproject\$4)) and (comput\$5 or calculat\$5) | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>USPAT; | 2004/06/12<br>21:01 |
| 23       | 2    | ((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and dos\$4) and ((scan\$5 near2 project\$5) or scan-project\$5 or scanproject\$4))                                | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>USPAT; | 2004/06/12<br>21:01 |
| 19       | 4    | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 adj project\$5) or scan-project\$5 or scanproject\$4)) and comput\$5 and calculat\$5                  | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2004/06/12<br>21:05 |
| 25       | 38   | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)   | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2004/06/12<br>21:12 |
| 26       | 5    | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4                                   | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2004/06/12<br>21:04 |

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|----|-----|---|---|------------------|
| 27 | 5   | ((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12 21:05 |
| 28 | 4   | (((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5) and comput\$5 and calculat\$5  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12 21:05 |
| 29 | 0   | ((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5) and comput\$5 and calculat\$5) and tim43  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12 21:05 |
| 30 | 4   | ((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5) and comput\$5 and calculat\$5) and tim\$4   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12 21:06 |
| 32 | 3   | ((((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5) and comput\$5 and calculat\$5) and tim\$4) and correct\$5) and densit\$4              | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12 21:08 |
| 33 | 3   | ((((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5) and comput\$5 and calculat\$5) and tim\$4) and correct\$5) and densit\$4) and current | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12 21:08 |
| 31 | 4   | ((((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5) and comput\$5 and calculat\$5) and tim\$4) and correct\$5                             | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12 21:09 |
| 34 | 227 | (charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12 21:11 |
| 35 | 28  | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12 21:13 |

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|----|----|---|---|---------------------|
| 36 | 26 | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and control\$5   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:13 |
| 37 | 26 | ((((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and control\$5) and (mask or reticle)  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:13 |
| 38 | 26 | (((((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and control\$5) and (mask or reticle)) and pattern\$4   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:14 |
| 39 | 17 | ((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and control\$5) and (mask or reticle)) and pattern\$4) and (overlap\$4 or (over adj lap\$4) or over-lap\$4)  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:15 |
| 40 | 17 | (((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and control\$5) and (mask or reticle)) and pattern\$4) and (overlap\$4 or (over adj lap\$4) or over-lap\$4)) and (rectang\$4 or square)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:16 |
| 41 | 6  | ((((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and control\$5) and (mask or reticle)) and pattern\$4) and (overlap\$4 or (over adj lap\$4) or over-lap\$4)) and (rectang\$4 or square)) and current   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:16 |
| 42 | 2  | ((((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and control\$5) and (mask or reticle)) and pattern\$4) and (overlap\$4 or (over adj lap\$4) or over-lap\$4)) and (rectang\$4 or square)) and ((calculat\$5 or control\$5 or determin\$5) near4 dos\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:17 |

| L Number | Hits | Search Text  | DB  | Time stamp          |
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| 16       | 3203 | (250/492.22,492.23,492.2).CCLS.  | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>USPAT; | 2004/06/12<br>20:56 |
| 17       | 393  | (charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)   | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>USPAT; | 2004/06/12<br>21:10 |
| 18       | 9    | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 adj project\$5) or scan-project\$5 or scanproject\$4)   | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>USPAT; | 2004/06/12<br>21:03 |
| 20       | 1    | ((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 adj project\$5) or scan-project\$5 or scanproject\$4)) and comput\$5 and calculat\$5) and dos\$4    | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2004/06/12<br>20:59 |
| 21       | 1    | ((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 adj project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4                                   | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2004/06/12<br>21:00 |
| 22       | 145  | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and dos\$4  | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2004/06/12<br>21:04 |
| 24       | 1    | ((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and dos\$4) and ((scan\$5 near2 project\$5) or scan-project\$5 or scanproject\$4)) and (comput\$5 or calculat\$5) | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2004/06/12<br>21:01 |
| 23       | 2    | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and dos\$4) and ((scan\$5 near2 project\$5) or scan-project\$5 or scanproject\$4)                                   | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2004/06/12<br>21:01 |
| 19       | 4    | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 adj project\$5) or scan-project\$5 or scanproject\$4)) and comput\$5 and calculat\$5                  | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2004/06/12<br>21:05 |
| 25       | 38   | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)   | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2004/06/12<br>21:22 |
| 26       | 5    | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4                                   | USPAT;<br>US_PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2004/06/12<br>21:22 |

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|----|-----|---|---|---------------------|
| 27 | 5   | ((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:22 |
| 28 | 4   | (((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5) and comput\$5 and calculat\$5  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:05 |
| 29 | 0   | (((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5) and comput\$5 and calculat\$5) and tim43   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:05 |
| 30 | 4   | (((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5) and comput\$5 and calculat\$5) and tim\$4  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:06 |
| 32 | 3   | ((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5) and comput\$5 and calculat\$5) and tim\$4) and correct\$5) and densit\$4                | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:08 |
| 33 | 3   | ((((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5) and comput\$5 and calculat\$5) and tim\$4) and correct\$5) and densit\$4) and current | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:08 |
| 31 | 4   | ((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5) and comput\$5 and calculat\$5) and tim\$4) and correct\$5                               | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:09 |
| 34 | 227 | (charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:11 |
| 35 | 28  | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:13 |

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|----|-----|--|---|---------------------|
| 36 | 26  | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and control\$5  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:13 |
| 37 | 26  | ((((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and control\$5) and (mask or reticle)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:13 |
| 38 | 26  | (((((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and control\$5) and (mask or reticle)) and pattern\$4  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:14 |
| 39 | 17  | ((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and control\$5) and (mask or reticle)) and pattern\$4) and (overlap\$4 or (over adj lap\$4) or over-lap\$4)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:15 |
| 40 | 17  | (((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and control\$5) and (mask or reticle)) and pattern\$4) and (overlap\$4 or (over adj lap\$4) or over-lap\$4)) and (rectang\$4 or square)  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:16 |
| 41 | 6   | (((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and control\$5) and (mask or reticle)) and pattern\$4) and (overlap\$4 or (over adj lap\$4) or over-lap\$4)) and (rectang\$4 or square)) and current   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:16 |
| 42 | 2   | (((((((charged-particle or (charged adj particle) or electron) and pattern\$3 and ((VSB or variable-shap\$4 or (variable adj shap\$4))near (beam or exposure)) and (etch\$4 or writ\$4)) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and control\$5) and (mask or reticle)) and pattern\$4) and (overlap\$4 or (over adj lap\$4) or over-lap\$4)) and (rectang\$4 or square)) and ((calculat\$5 or control\$5 or determin\$5) near4 dos\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:21 |
| 43 | 157 | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((250/492.22, 492.23, 492.2).CCLS.)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/06/12<br>21:21 |

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|----|-----|---|---|---------------------|
| 44 | 20  | ((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:36 |
| 45 | 3   | (((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:22 |
| 46 | 3   | ((((charged-particle or (charged adj particle) or electron) and pattern\$3 and (VSB or variable-shap\$4 or (variable adj shap\$4)) and (etch\$4 or writ\$4)) and ((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and dos\$4) and control\$5                                | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:38 |
| 47 | 193 | ((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:57 |
| 48 | 21  | ((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and (VSB or variable-shap\$4 or (variable adj shap\$4))  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:58 |
| 49 | 12  | (((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and (VSB or variable-shap\$4 or (variable adj shap\$4))) and (dos\$4 or amount)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:58 |
| 50 | 12  | ((((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and (VSB or variable-shap\$4 or (variable adj shap\$4))) and (dos\$4 or amount)) and project\$5  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:38 |
| 51 | 12  | ((((((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and (VSB or variable-shap\$4 or (variable adj shap\$4))) and (dos\$4 or amount)) and project\$5) and control\$5  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:38 |
| 52 | 5   | ((((((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and (VSB or variable-shap\$4 or (variable adj shap\$4))) and (dos\$4 or amount)) and project\$5) and control\$5) and ((comput\$4 or calculat\$5 or determin\$5) with (dos\$4 or amount))                               | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:40 |
| 54 | 3   | (((((((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and (VSB or variable-shap\$4 or (variable adj shap\$4))) and (dos\$4 or amount)) and project\$5) and control\$5) and ((comput\$4 or calculat\$5 or determin\$5) with (dos\$4 or amount))) and tim\$4) and rectangu\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:41 |

|    |    |  |   |                     |
|----|----|--|---|---------------------|
| 55 | 3  | (((((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and (VSB or variable-shap\$4 or (variable adj shap\$4))) and (dos\$4 or amount)) and project\$5) and control\$5) and ((comput\$4 or calculat\$5 or determin\$5) with (dos\$4 or amount))) and tim\$4) and rectang\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:41 |
| 53 | 5  | (((((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and (VSB or variable-shap\$4 or (variable adj shap\$4))) and (dos\$4 or amount)) and project\$5) and control\$5) and ((comput\$4 or calculat\$5 or determin\$5) with (dos\$4 or amount))) and tim\$4)                | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:45 |
| 56 | 83 | ((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and ((scan\$5 near2 project\$5) or scan-project\$5 or scanproject\$4)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:57 |
| 57 | 9  | ((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and ((scan\$5 near2 project\$5) or scan-project\$5 or scanproject\$4)) and (VSB or variable-shap\$4 or (variable adj shap\$4))  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:58 |
| 58 | 9  | ((250/492.22,492.23,492.2).CCLS.) and ((scan\$5 near4 project\$5) or scan-project\$5 or scanproject\$4)) and ((scan\$5 near2 project\$5) or scan-project\$5 or scanproject\$4)) and (VSB or variable-shap\$4 or (variable adj shap\$4))) and (dos\$4 or amount)  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/06/12<br>21:58 |